

**For Students Admitted/ Changed to the Major
with Catalogue Term Semester A 2021/22 and thereafter**

Within the credit units for the BSCM Major Electives requirement, students may declare a maximum of one of the following streams by fulfilling the designated stream requirement. Declaration of stream is optional and there is no GPA requirement for declaring a stream.

Enriched Mathematics Stream (12 credit units)

Course Code	Course Title	Level	Credit Units
MA3523	Introduction to Abstract Algebra	B3	3
MA4542	Real Analysis	B4	3
MA4545	Applied Differential Geometry	B4	3
<i>Choose at least one of the following courses:</i>			
MA4528	Introduction to Dynamical systems and Chaos	B4	3
MA4546	Introduction to Stochastic Processes	B4	3
MA4551	Introduction to Functional Analysis	B4	3

Financial Mathematics Stream (12 credit units)

Course Code	Course Title	Level	Credit Units
MA3521	Introductory Mathematical Finance	B3	3
MA4529	Mathematical Finance	B4	3
<i>Choose at least two of the following courses:</i>			
MA4537	Introduction to Actuarial Science	B4	3
EF3320	Security Analysis and Portfolio Management	B3	3
EF4821	Derivatives Pricing II: Interest Rate and Credit Risk	B4	3